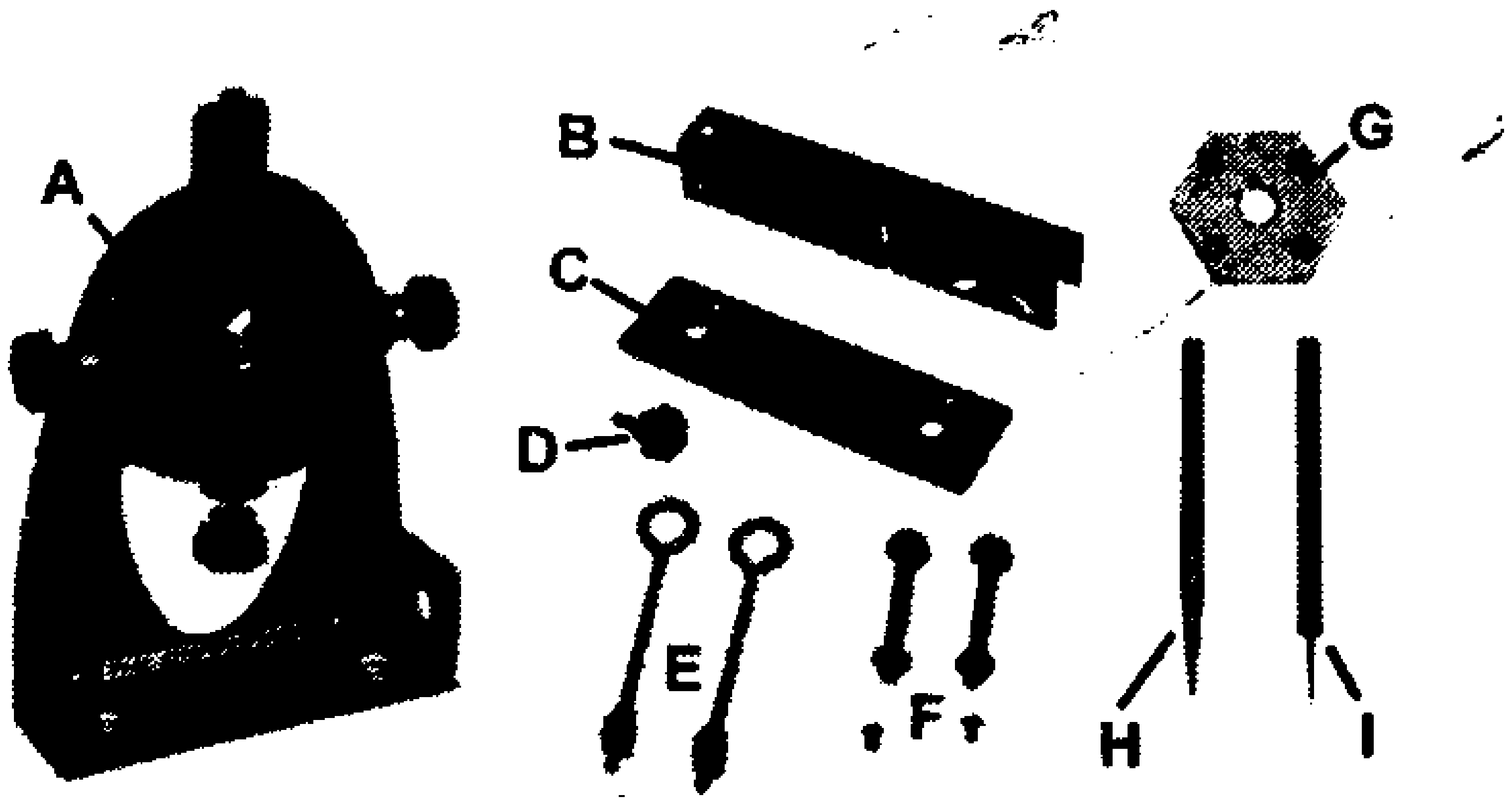
7x8.5

Instructions

(Visit www.copperminetools.com for more information)

Package Contents

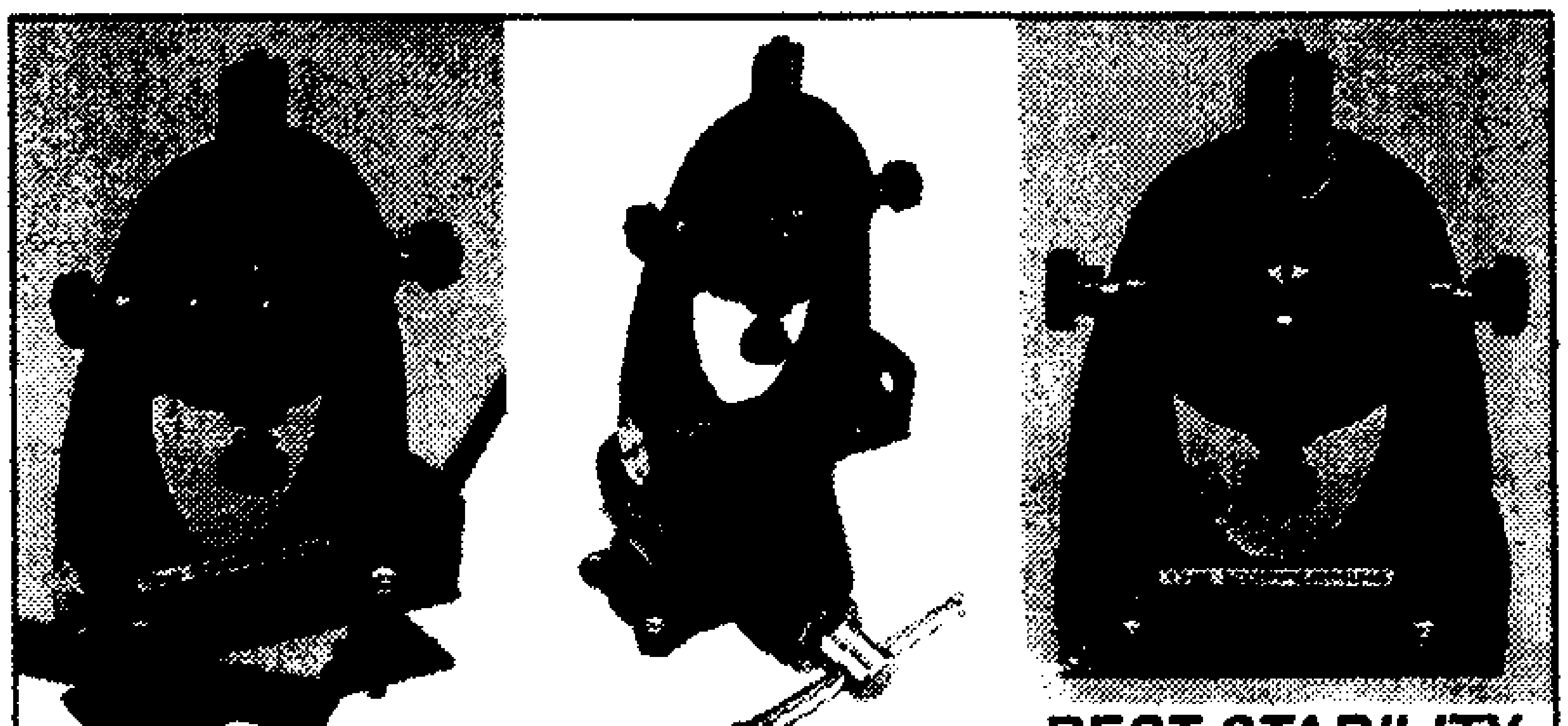
A: Wire stripper; B: Sharpening jig; C: Mounting Plate; D: Knob; E: Eyebolts (input guide & output limiter); F: Screws; G: EZ Start cutter(**already installed on machine**); H: Standard blade; I: Ultra Fine blade (**optional**)



Installation

Insert the blade from the top of the wire stripper and secure it with the knob. Install the eyebolts on the sharpening jig and tighten the screws. Attach the EZ Start cutter on the side that is convenient.

The wire stripper can be mounted by one of the following means. Use **Bolt Down on Bench** method for **best stability** when stripping thick wires.



Clamp on Corner **Hold with Vise** ***BEST STABILITY*** **Bolt Down on Bench**

Three Convenient Mounting Methods

- **Corner Mount**

Use two bolts and the mounting plate to secure the stripper at the corner of a bench or table.

- **Vise Mount**

Attach the mounting plate to the back of the stripper with two screws. Insert the bottom half of the mounting plate in a vise and tighten.

- **Bench-top Mount**

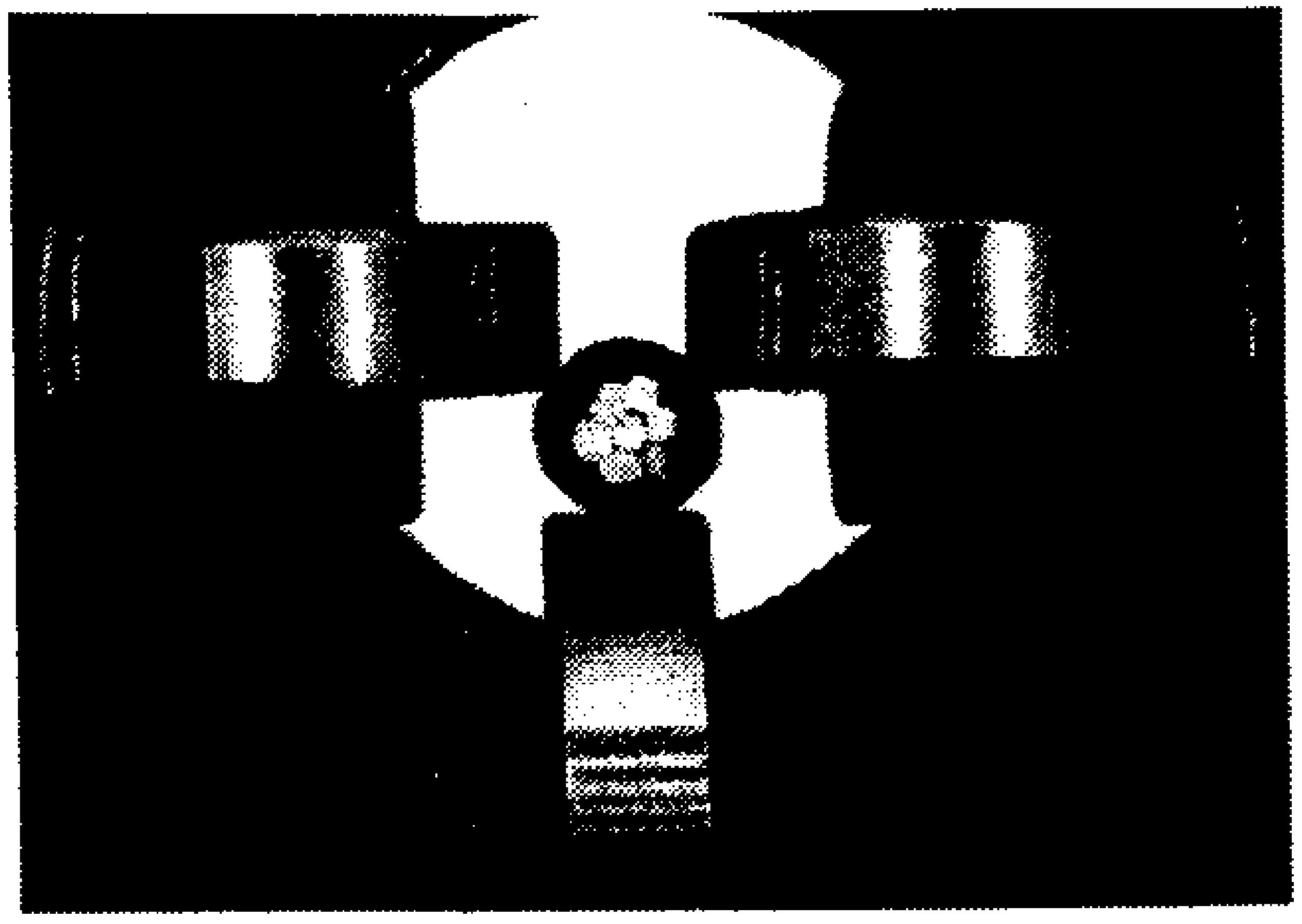
Drill two holes on the the bench, using holes on the mounting plate as drilling guide. Use a drill bit of 3/8" (9.5 mm). Bolt down the stripper with the mounting plate on the bottom side of the bench.

Operation

- **Follow the Steps Bellow to Strip Wire.**

1. Adjust the Rollers

The three adjustable rollers should be arranged to best secure the wire. For most common types of wires, it is recommended to set the three rollers at **2 o'clock**, **6 o'clock**, and **10 o'clock** positions relative to the wire.



2. Adjust the Blade

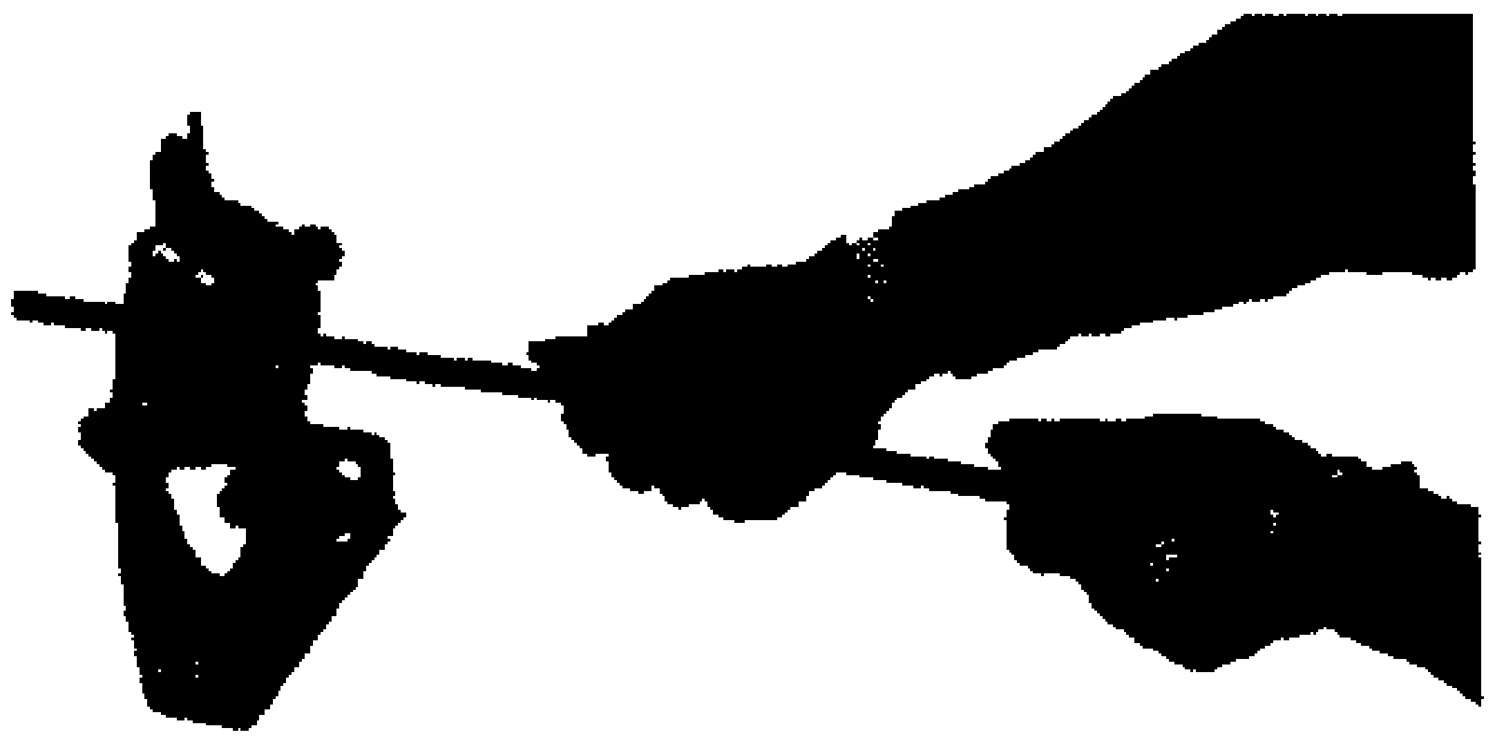
The blade is made of high speed steel and lasts for a long time before needing re-sharpening. It should be set low enough to cut through **MOST** of the insulation without cutting into the copper. This makes it easier to pull the wire through the stripper and helps prolong the life of the blade, as well.

3. Insert New Wire

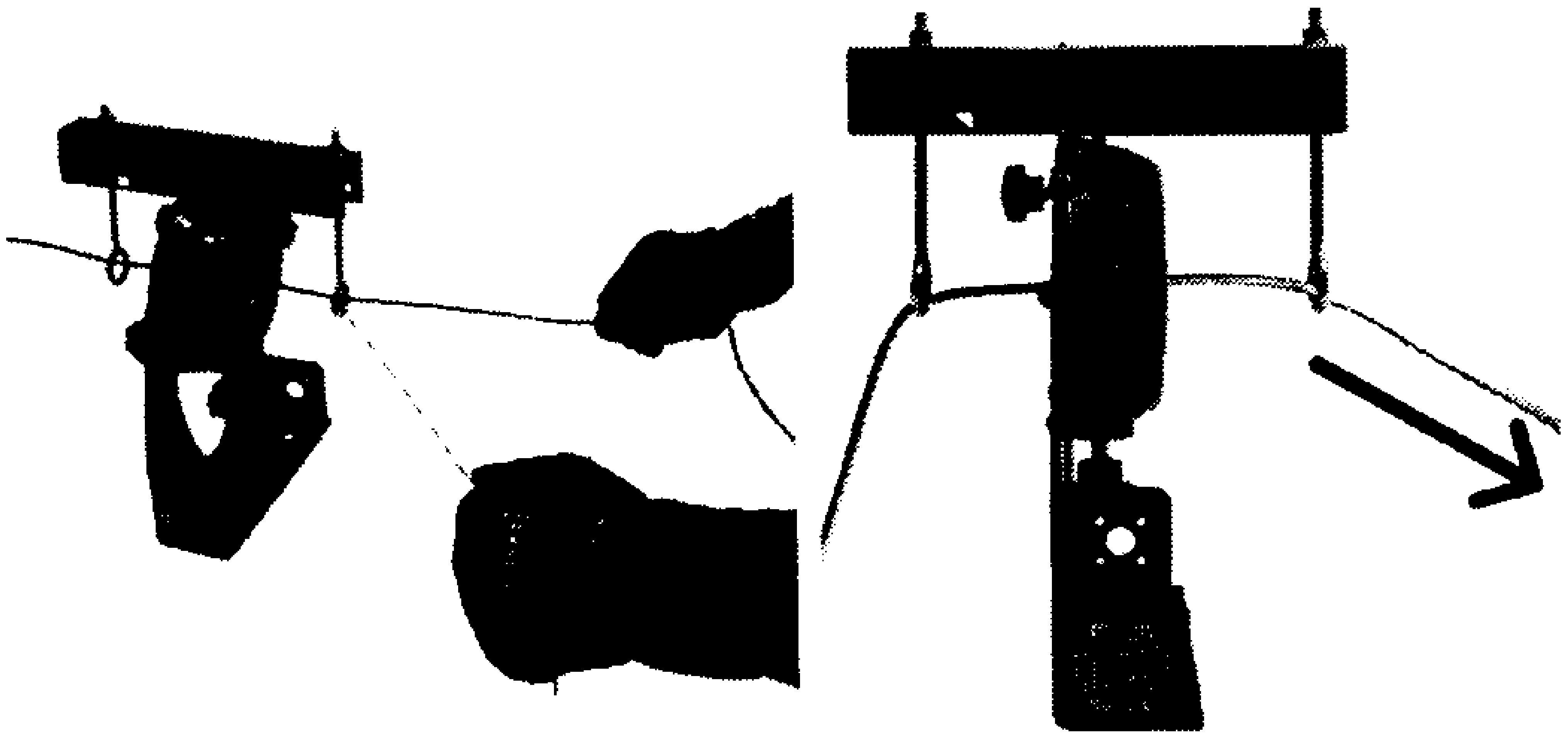
When starting with a new piece of wire of the same size, lower the bottom roller and insert the wire from the rear of the machine. Then raise the bottom roller back to its optimum position, which automatically pushes the blade to cut into the insulation at the right depth. The two side rollers and the blade need **NOT** to be readjusted for the same type of wire. This helps expedite the setup process.

4. Pull the Wire Through

Pull the wire through the stripper with slight downward motion. This helps keep the wire stay on the rollers and the output limiter from popping off the stripper. Use the input guide and output limiter for long and thin wires.



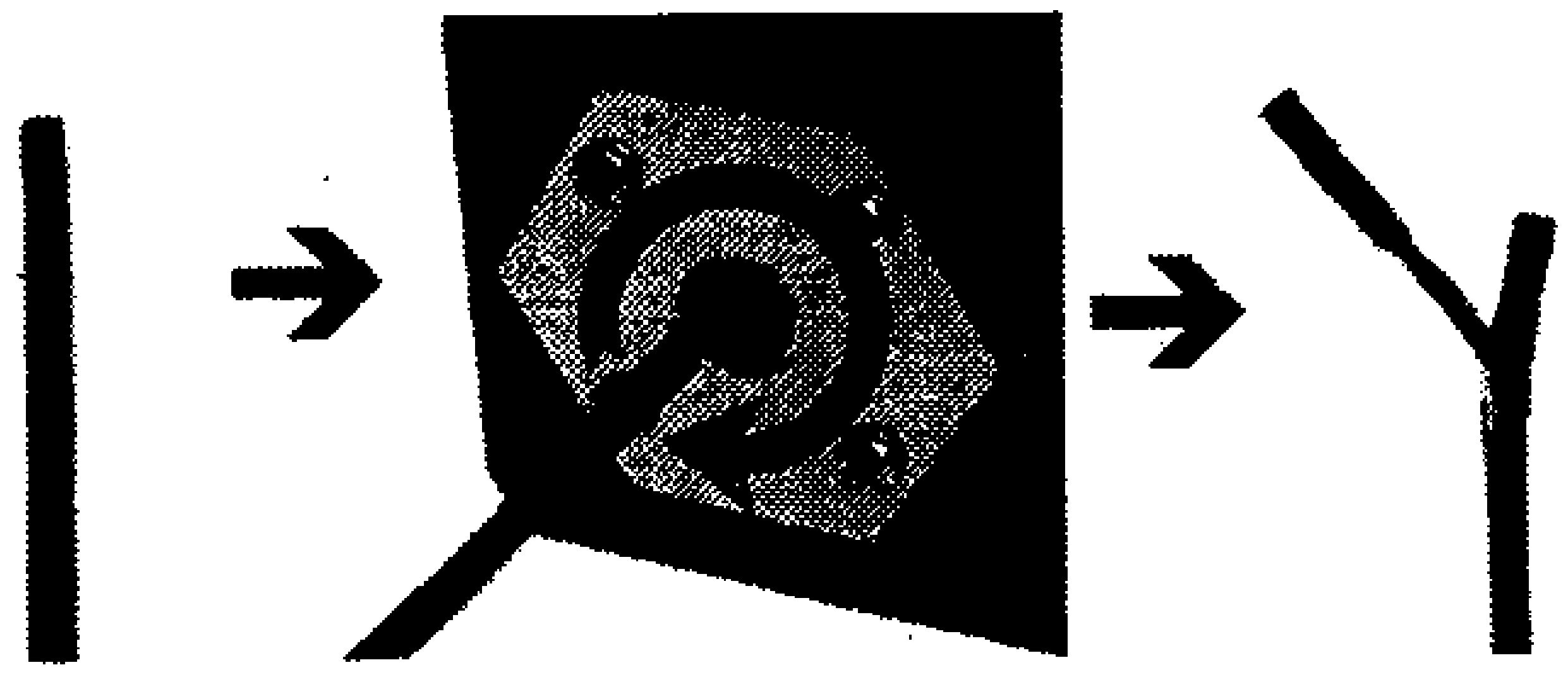
Short or thick wires



Long and thin wires

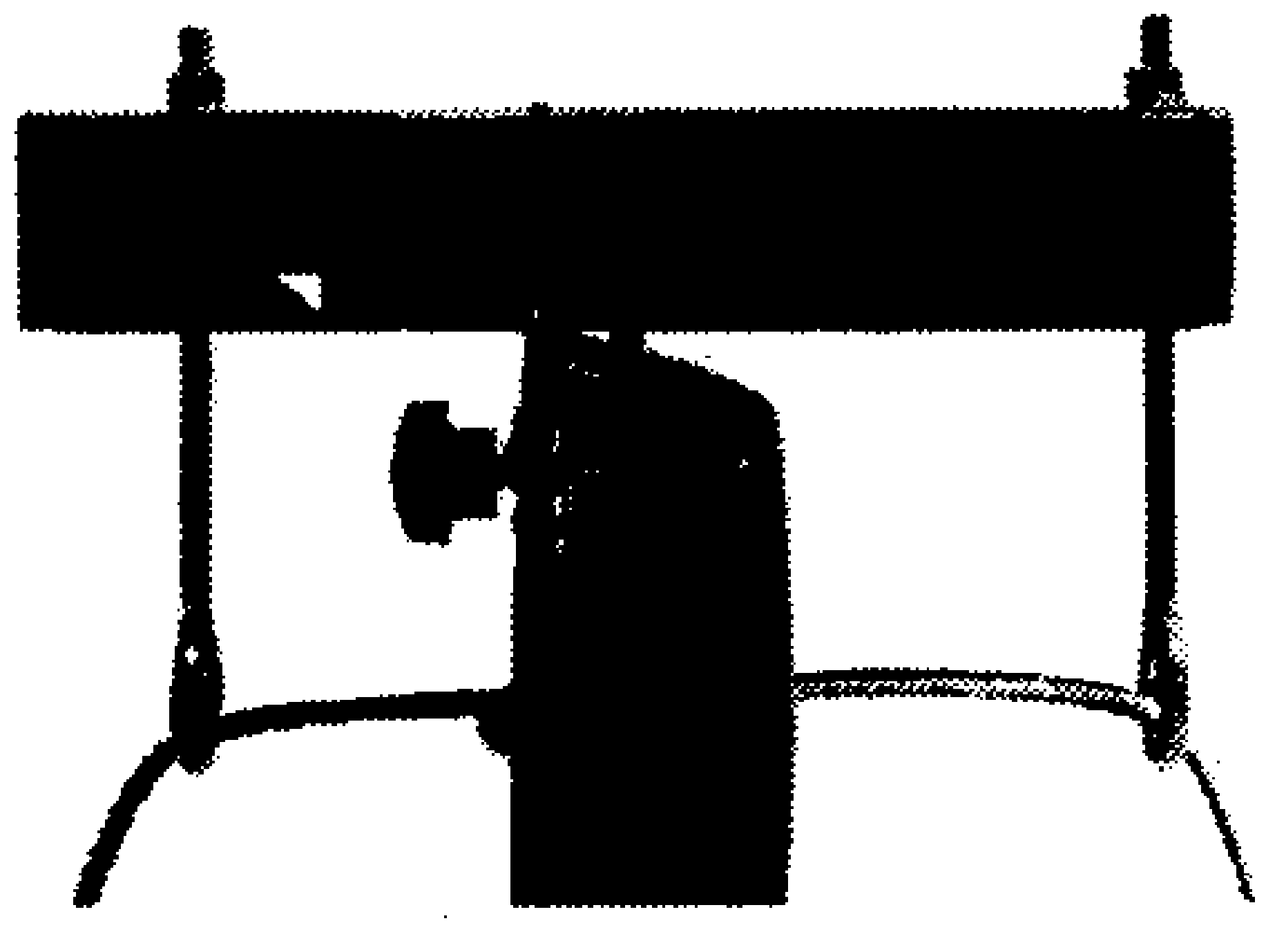
- **EZ Start ™ Cutter**

After the wire runs through the stripper, use EZ Start ™ to remove the insulation at the end of wire and get a starting point to pull out the copper. Stick the wire end in the cutter and make a circular movement to cut off the insulation.



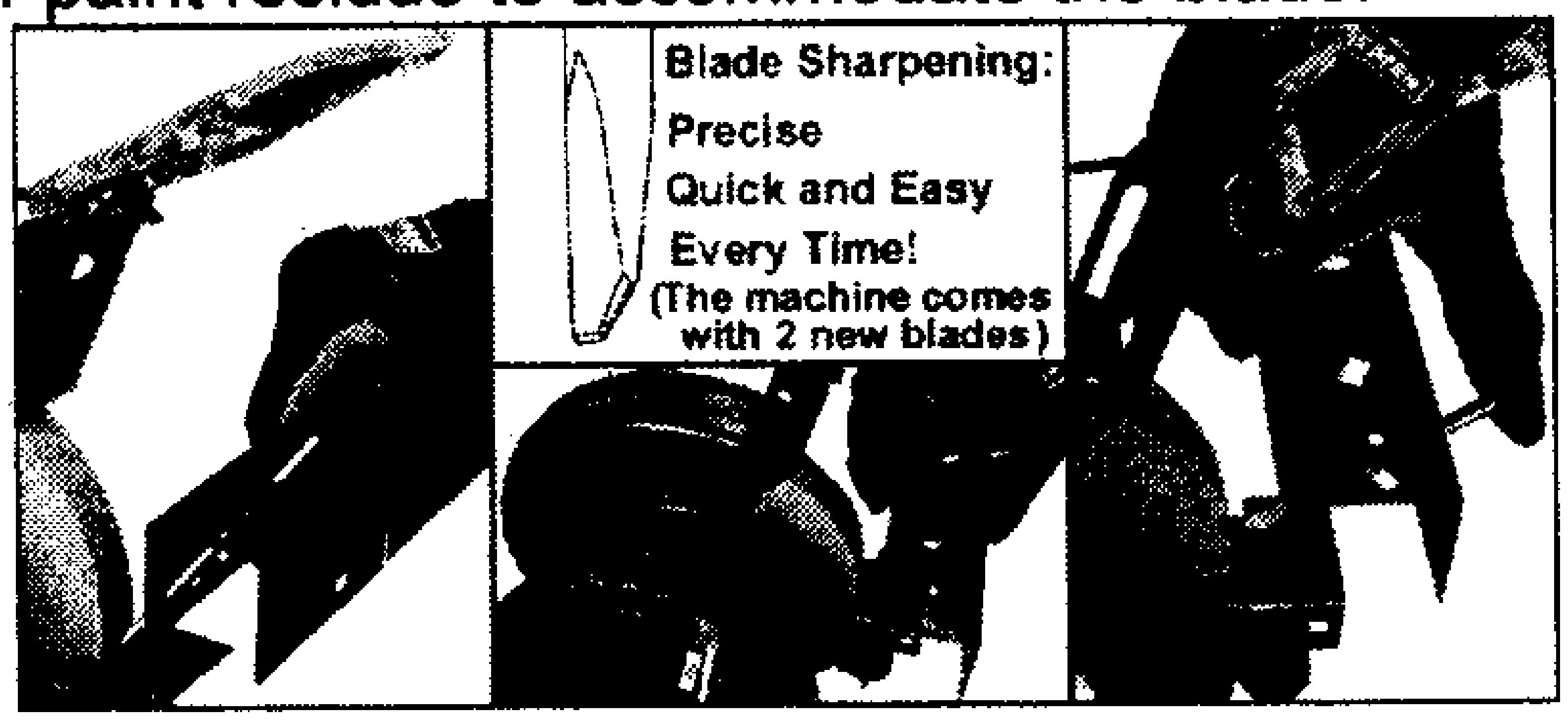
- **Input Guide and Output Limiter**

Attach the Input Guide and Output Limiter as needed. Run the wire through them. The Input Guide helps align the wire before it enters the rollers. The Output Limiter allows the operator to pull the copper and insulation apart as the wire is pulled through the stripper.



Maintenance

- **Lubrication**: Apply a few drops of general-purpose lubrication oil, such as 3-IN-ONE ®, to all moving parts, such as the roller, shaft, thread, as needed. Wipe off any excessive oil. Avoid oil contact with any plastic parts.
- **Blade sharpening**: Insert the blade in the three pairs of holes, one at a time. The correct angles will be precisely presented at the front surface of the jig. Hold the jig at a bench grinder (or grinding stone, Dremel, etc) to sharpen. Note: the holes may need to be cleaned for paint residue to accommodate the blade.



- **Cleaning**: Use soft cloth to wipe clean any oil, dust, and debris. Avoid water, solvent or high humidity, which can damage the surface finish.